

## PATENT COOPERATION TREATY

## PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY  
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference <b>040042</b>	<b>FOR FURTHER ACTION</b> See Form PCT/IPEA/416	
International application No. <b>PCT/SE2005/000387</b>	International filing date (day/month/year) <b>17-03-2005</b>	Priority date (day/month/year) <b>22-03-2004</b>
International Patent Classification (IPC) or national classification and IPC <b>See Supplemental Box</b>		
Applicant <b>Tagmaster AB et al</b>		

- This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.
- This REPORT consists of a total of 5 sheets, including this cover sheet.
- This report is also accompanied by ANNEXES, comprising:
  - ☒ (sent to the applicant and to the International Bureau) a total of 1 sheets, as follows:
    - ☒ sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).
    - ☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.
  - ☐ (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) \_\_\_\_\_, containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).

- This report contains indications relating to the following items:

- |                                     |              |   |
|-------------------------------------|--------------|---|
| <input checked="" type="checkbox"/> | Box No. I    | Basis of the report   |
| <input type="checkbox"/>            | Box No. II   | Priority  |
| <input type="checkbox"/>            | Box No. III  | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability  |
| <input type="checkbox"/>            | Box No. IV   | Lack of unity of invention  |
| <input checked="" type="checkbox"/> | Box No. V    | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/>            | Box No. VI   | Certain documents cited   |
| <input type="checkbox"/>            | Box No. VII  | Certain defects in the international application  |
| <input type="checkbox"/>            | Box No. VIII | Certain observations on the international application   |

Date of submission of the demand <b>17-01-2006</b>	Date of completion of this report <b>14-03-2006</b>
Name and mailing address of the IPEA/SE Patent- och registreringsverket Box 5055 S-102 42 STOCKHOLM Facsimile No. +46 8 667 72 88 Form PCT/IPEA/409 (cover sheet) (April 2005)	Authorized officer <b>Gordana Ninkovic / MRO</b> Telephone No. +46 8 782 25 00

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/SE2005/000387

## Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of: Cover sheet

## International patent classification (IPC)

H04B 1/59 (2006.01)

G01S 13/76 (2006.01)

G01V 15/00 (2006.01)

G07C 9/00 (2006.01)

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/SE2005/000387

## Box No. I Basis of the report

1. With regard to the language, this report is based on:



the international application in the language in which it was filed

a translation of the international application into \_\_\_\_\_  
which is the language of a translation furnished for the purposes of:

international search (Rules 12.3(a) and 23.1(b))



publication of the international application (Rule 12.4(a))



international preliminary examination (Rules 55.2(a) and/or 55.3(a))

2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

the international application as originally filed/furnished



the description:

pages 1 - 5 as originally filed/furnished

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_



the claims:

pages \_\_\_\_\_ as originally filed/furnished

pages\* \_\_\_\_\_ as amended (together with any statement) under Article 19

pages\* 1 received by this Authority on 17-01-2006

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_



the drawings:

pages 1 - 2 as originally filed/furnished

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_



a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

the description, pages \_\_\_\_\_



the claims, Nos. \_\_\_\_\_



the drawings, sheets/figs \_\_\_\_\_



the sequence listing (specify): \_\_\_\_\_



any table(s) related to the sequence listing (specify): \_\_\_\_\_

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

the description, pages \_\_\_\_\_



the claims, Nos. \_\_\_\_\_



the drawings, sheets/figs \_\_\_\_\_



the sequence listing (specify): \_\_\_\_\_



any table(s) related to the sequence listing (specify): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

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 IAP9/Rec'd PCT/PTO 21 SEP 2006

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/SE2005/000387

**Box No. V** Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

## 1. Statement

Novelty (N)	Claims	1-3	YES
	Claims		NO
Inventive step (IS)	Claims	1-3	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-3	YES
	Claims		NO

## 2. Citations and explanations (Rule 70.7)

## Documents cited in the International Search Report:

A WO 03061146 A1 (Tagmaster AB), 24.07.2003  
 B EP 1126400 A2 (Yozan Inc), 22.08.2001  
 C US 2002177407 A1 (H.Mitsumoto), 28.11.2002  
 D US 2003189095 A1 (E.Tuilier), 09.10.2003  
 E WO 0173684 A1 (Skidata AG), 04.10.2001  
 F EP 0635963 A2 (Nec Corporation), 25.01.1995

In a view of new claims amended at 17-01-2006 document A is reconsidered to represent the state of the art, together with documents B-F.

The present invention discloses an identification device comprising a transponder integrated into a mobile telephone and connected to a source of power which is constituted by the source of power used to power a clock of the telephone.

Document A discloses a communication unit for identifying objects or persons, comprising a receiver/transmitter unit and a transponder, according to a RFID system. The communication unit is characterised in that the transponder is integrated with the receiver/transmitter unit in such a manner to enable all components associated with the receiver/transmitter unit to be used also for transponder operation. The transponder includes only one modulator and is arranged in other respects to use the antenna, the battery and the control circuit of the receiver/transmitter unit.

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## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/SE2005/000387

## Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of: Box V

According to one embodiment, the modulator is adapted to modulate and reflect a received signal even in the absence of a fresh supply of energy to the signal. This embodiment enables the transponder to function without the receiver/transmitter unit being in operation. In a one application, the transponder can be included in a mobile telephone. (See page 2, line 12-20; page 3, line 5-9; page 4, line 12-27; claim 1).

However, none of the cited documents discloses a transponder integrated into a mobile telephone and connected to a source of power which is constituted by the source of power used to power a clock of the telephone.

In view of the cited documents such a device cannot be considered obvious to a person skilled in the art.

Therefore the invention claimed in claims 1-3 is novel and considered to involve an inventive step.

The invention is regarded to be industrially applicable.